

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Xiang-Dong Mi, et al

DISPLAY APPARATUS USING A  
WIRE GRID POLARIZING  
BEAMSPLITTER WITH  
COMPENSATOR

Serial No. To be Assigned

Filed Herewith

Commissioner for Patents  
Washington, D.C. 20231

Group Art Unit: To be Assigned

Examiner: To be Assigned

Express Mail Label No. EL809160837US

January 7, 2002  
Date

Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION  
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication is attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the first Office action on the merits or before mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to either a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Statement is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a statement under, §1.97(e) **prior** to either a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

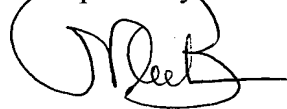
☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and statement under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Statement is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification Statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



Nelson A. Blish/tmp  
Telephone: (585) 588-2720  
Facsimile: (585) 477-4646  
Enclosures

---

Attorney for Applicants  
Registration No. 29,134

FORM PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAtty. Docket No.  
83075NAB  
Customer No. 01333Serial No.  
To be AssignedIf AFTER the later date of the first Office Action  
or 3 months from filing, use only with Rule 97(E)  
Certificate or FeeApplicant:  
Xiang-Dong Mi, et al

## LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date  
HerewithGroup  
To be AssignedCase U.S. PTO  
10/040663

01/07/02

## U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,441,791	4/10/84	Hornbeck			
	5,535,047	7/9/96	Hornbeck			
	5,600,383	2/4/97	Hornbeck			
	5,719,695	2/17/98	Heimbuch			
	5,914,818	6/22/99	Tejada et al.			
	5,930,050	7/27/99	Dewald			
	6,008,951	12/28/99	Anderson			
	6,089,717	7/18/00	Iwai			
	5,808,795	9/15/98	Shimomura et al.			
	5,798,819	8/25/98	Hattori et al.			
	5,918,961	7/6/99	Ueda			
	6,010,121	1/4/00	Lee			
	6,062,694	5/16/00	Oikawa et al.			
	5,652,667	7/29/97	Kurogane			
	5,767,827	6/16/98	Kobaysashi et al.			
	5,978,056	11/2/99	Shintani et al.			
	5,620,755	4/15/97	Smith, Jr. et al.			
	2,403,731	7/9/46	MacNeille			
	5,969,861	10/19/99	Ueda et al.			
	5,912,762	6/15/99	Li et al.			
	5,844,722	12/1/98	Stephens et al.			
	5,383,053	1/17/95	Hegg et al.			
	5,748,368	5/5/98	Tamada et al.			
	6,122,103	9/19/00	Perkins et al.			
	6,243,199 B1	6/5/01	Hansen et al.			
	6,288,840 B1	9/11/01	Perkins et al.			
	6,234,634 B1	5/22/01	Hansen et al.			
	4,701,028	10/20/87	Clerc et al.			
	5,039,185	8/13/91	Uchida et al.			
	5,298,199	3/29/94	Hirose et al.			
	6,081,312	6/27/00	Aminaka et al.			
	6,141,075	10/31/00	Ohmuro et al.			
	5,576,854	11/19/96	Schmidt et al.			
	5,619,352	4/8/97	Koch et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO
----------------------	-----------------	------	---------	-------	----------	-------------------------

**OTHER ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Chen, K. H. Kim, J. J. Jyu, and J. H. Souk; Optimum Film Compensation Modes for TN and VA LCDs; SID 98 Digest, pages 315-318.

<sup>2</sup>P. Yeh; Generalized Model for Wire Grid Polarizers; SPIE Vol. 307, 1981, pages 13-21.

<sup>b</sup>H. Kikuta, H. Yoshida, and K. Iwata; Ability and Limitation of Effective Medium Theory for Subwavelength Gratings; Optical Review, Vol. 2, No. 2 (1995), pages 92-99.

<sup>2</sup>J. J. Kuta, H. M. van Driel, D. Landheer, and Y. Feng; Coupled-Wave Analysis of Lamellar Metal Transmission Gratings for the Visible and the Infrared; Optical Society of America, Vol. 12, No. 5 (May 1995), pages 1118-1127.

---

P. Lazarev and M. Paukshto; Low-Leakage Off-Angle in E-Polarizers; SID 2001 Digest, pages 101-105.

\*T. Ishinabe, T. Miyashita, and T. Uchida; Novel Wide Viewing ANgle Polarizer with High Achromaticity; SID 00 Digest, pages 1094-1097.

**EXAMINER**

DATE CONSIDERED \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

G:\Mss\NAB\DOCKETS\83075\pto1449.doc